

## **Shrivastav, Brij B**

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**From:** PLUS [PLUS2@uspto.gov]  
**Sent:** Wednesday, December 27, 2006 8:55 AM  
**To:** Shrivastav, Brij B  
**Subject:** PLUS Results for serial number: 10064846



10064846\_WDS.10064846\_LIST.10064846\_QUAL 10064846\_CLST 10064846\_CLS.t 10064846\_EAST 10064846\_result  
txt txt .txt ITLES.txt xt .txt s.east



10064846\_WES  
T.txt

Thanks for using the PLUS system. Your results are attached. You can also view and download them at <http://mars:9000/plus/user/downloadresults.jsf?rqstId=25031&serialNumber=10064846>

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to [PLUS@uspto.gov](mailto:PLUS@uspto.gov)

## 10064846\_LIST1

10064846

PLUS Search Results for S/N 10064846 Searched Dec 27, 2006.  
The Patent Linguistic Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

20030058502  
6704592  
20040030233  
6229311  
20050107681  
6150987  
4994908  
5493703  
6011819  
6122312  
6177861  
5494036  
RE36648  
5576622  
5311868  
6198285  
5398686  
6400155  
20010035752  
20050256388  
20060079758  
20060077035  
4953113  
5272324  
5374934  
5936527  
5963149  
6046683  
6127928  
6198925  
6748216  
7003316  
20060142058  
20060221363  
5838253  
5880868  
5027433  
5253095  
5608723  
5621414  
6052090  
6052088  
20050053008  
5545891  
4940964  
4949299  
5218187  
5331136  
5335170  
5567925

10064846\_QUAL1

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20040030233	73
6229311	65
20050107681	61
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4994908	59
5493703	59
6011819	59
6122312	59
6177861	59
5494036	57
RE36648	57
5576622	56
5311868	56
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20010035752	54
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20060077035	53
4953113	52
5272324	52
5374934	52
5936527	52
5963149	52
6046683	52
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20060142058	52
20060221363	52
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5218187	50
5331136	50
5335170	50
5567925	50

10064846\_CLS1

Most frequently occurring classifications of patents returned  
from a search of 10064846 on Dec 27 , 2006

Original Classifications

3 324/318  
3 235/375  
2 600/410  
2 600/432  
2 340/572.1  
2 455/434  
2 455/556.1  
2 398/129  
2 343/702

Cross-Reference Classifications

4 324/322  
4 340/825.49  
3 324/318  
2 600/420  
2 455/73  
2 455/349  
2 455/557  
2 367/135  
2 340/10.2  
2 128/DIG 1  
2 604/131  
2 604/154  
2 235/462.15  
2 340/572.1  
2 340/568.1  
2 342/42  
2 340/505  
2 343/895  
2 343/900  
2 235/462.45

Combined Classifications

6 324/318  
5 324/322  
4 340/572.1  
4 340/825.49  
3 600/420  
3 235/375  
2 455/73  
2 600/410  
2 455/349  
2 455/557  
2 367/135  
2 340/10.1  
2 340/10.2  
2 600/432  
2 128/DIG 1  
2 604/131  
2 604/154  
2 235/462.15  
2 340/568.1  
2 342/42  
2 340/505  
2 455/434  
2 455/556.1  
2 398/129  
2 343/702

10064846\_CLS1

2 343/895  
2 343/900  
2 235/462.45

10064846\_EAST1

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6229311  
20050107681  
6150987  
4994908  
5493703  
6011819  
6122312  
6177861  
5494036  
RE36648  
5576622  
5311868  
6198285  
5398686  
6400155  
20010035752  
20050256388  
20060079758  
20060077035  
4953113  
5272324  
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6127928 6198925 6748216 7003316 20060142058 20060221363 5838253 5880868 5027433  
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5331136 5335170 5567925 ).pn.

## PLUS Search Results for S/N 10064846, Searched Wed Dec 27 08:29:11 EST 2006

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

20030058502 99	5567925 50
6704592 84	
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5335170 50	

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[File 344] Chinese Patents Abs Jan 1985-2006/Jan  
[File 347] JAPIO Nov 1976-2005/Sep (Updated 060103)  
[File 350] Derwent WPIX 1963-2006/UD,UM &UP=200607  
[File 371] French Patents 1961-2002/BOPI 200209

Set	Items	Description
S1	68782	S MAGNETIC(3N)RESONA???? OR MRI OR M()R()I OR MAGNETIC()RESONANCE()IMAG???? OR (MR OR M()R)(3N)IMAG???? OR (MAGNETIC OR PARALLEL)(2N)IMAG???? OR NMR OR N()M()R OR NUCLEAR()MAGNETIC OR FTNMR OR F()T()N()M()R OR FTMRI OR MAGNETORESONA???? OR PMR OR P()M()R OR PROTON()MAGNETIC()RESONA???? OR PARAMAGNETIC(3N)RESONA???? OR MAGNETIC(3N)RELAX???? OR FERROMAGNETIC(3N)RESONA???? OR MAGNETIC(3N)SPECTRO????? OR MRA OR M()R()A OR MAGNETIC()RESONANCE()ANGIOGRAPH???? OR CSI OR C()S()I OR CHEMICAL()SHIFT()IMAG???? OR EPR OR E()P()R OR ELECTRON()PARAMAGNETIC()RESONANCE OR FMRI OR F()M()R()I OR FUNCTION???(2N)IMAG??? OR ESR OR E()S()R OR ELECTRON()SPIN()RESONA?? OR SPIN(2N)RESONA???
S2	3674629	S SUITE? ? OR ARRAY???? OR CHAMBER???? OR SET OR SETTING OR (CONTROL????? OR ARRAY OR SERIES OR SET OR SCAN????? OR SETTING) (3N) (ROOM OR HOUS???? OR ENCLOS????)
S3	6144691	S BARRIER????????? OR SHIELD????? OR BLOCK????? OR SEPARAT????? OR ISOLAT????? OR WALL????? OR ENCLOS????????? OR PROTECT????? OR SCREEN???????
S4	4449605	S TRANSCEIV????? OR RECEIV????????? OR TRANSMI????????? OR COIL????
S5	645724	S INJECT?????(3N) (SYSTEM????? OR CONTROL????? OR UNIT OR DEVICE? ? OR MODUL????? OR ASSEMBL????? OR COMPONENT) OR INJECT?????
S6	796008	S ANTENNA OR ANTENNAE OR WIRING OR RADIO OR AERIAL OR (ANTENNA OR ANTENNAE) (3N) (COUPL????? OR CONNECT????? OR LINK????? OR COMMUNICAT?????)
S7	2141568	S (WIRELESS OR WIRE()LESS OR REMOT????? OR DISTANC????? OR LONG()DISTANCE) (3N) (COMMUNICAT????? OR TELECOMMUNICAT?????) OR COMMUNICAT????? OR TELECOMMUNICAT????? OR WIRELESS OR REMOT?????
S8	2186820	S B1 OR B()1 OR B()SUB()1 OR FIELD?????(3N)MAP????? OR RADIO? ?(3N)FREQUENC????? OR (MAGNET????? OR ELECTROMAGNET????? OR RF? ? OR ELECTRIC????? OR PULS????? OR REFOCUS????? OR IMAG?????)(3N) (FIELD????? OR POWER????? OR PULS????? OR SEQUENC????? OR EXCIT????? OR STIMULAT????? OR SWITCH????? OR TRANSCEIV????? OR SIGNAL?????) OR SAR? ? OR SPECIFIC()ABSOR?????()RATE? ? OR R()F OR RF OR RADIOFREQUENC????? OR RFSP OR SSFP OR STEADY()STATE()FREE()PRECESSION OR FREE(3N)PRECESS????
S9	90955	S (FREQUENC????? OR CHANNEL??)(5N) (DISTANC????? OR RANG????? OR MAGNITUD????? OR SPECTRUM OR LIMIT???)
S10	858843	S FILTER????? OR BANDPASS????? OR BAND()(PASS OR STOP) OR BANDSTOP????? OR HIGHPASS OR HIGH()PASS OR MICROSTRIP OR MICRO()STRIP
S11	81532	S IC=(G01R-003/56 OR G01R-003/28 OR G01V-003/00 OR G01N-024/08 OR G01V-003/75 OR G01R-033/56F OR G01R-033/56 OR G01R-033/565 OR A61B-005/055 OR G01R-033/34 OR G01R-033/20 OR G01R-033/54 OR G01R-033/36 OR G01V-003/00 OR G01R-033/28 OR G01R-033/38 OR H01F-006/00 OR H01F-006/04 OR F25B-009/14 OR G01R-033/485 OR G01R-033/561 OR G06K-009/00 OR G01R-033/32 OR G01R-033/60 OR H04B-010/00)
S12	282391	S MC=(S01-E02A OR S01-J09 OR S01-H05 OR S03-E07A OR S01-E02A2 OR S01-E02A8A OR S01-E02A1 OR S03-E07C OR S03-E07A OR S05-D02B1 OR S05-D02B2 OR S03-C02F1 OR W02-B10 OR S05-D02B OR S01-E02A8E OR S01-J02C OR U14-F02H OR X12-C04 OR X12-C05A OR T01-J06A OR T01-J10C4B OR T01-S03 OR S01-E02A8C OR T01-J10B2 OR T01-J04A OR T04-D03 OR T04-D04 OR T01-J10B1 OR V02-F01G2 OR V02-F03X OR W02-B05 OR W02-B10 OR W02-B08D3)
S13	2	S S1 AND S2 AND S3 AND S4 AND S5 AND S6 AND S7 AND S8 AND S9 AND S10
S14	14	S S1 AND S2 AND S3 AND S7 AND S9
S15	4	S S14 AND S11
S16	6	S S14 AND S12
S17	62	S S1(3N)S2 AND S3 AND S7
S18	3	S S17 AND S9
S19	3	S S17 AND S5
S20	4	S S14 AND S5

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S21	29	S S17 AND S8
S22	11	S S21 AND S6
S23	52	S S1(3N)S7 AND S2 AND S3
S24	4	S S23 AND S4 AND S5
S25	13	S S23 AND S11
S26	18	S S23 AND S12
S27	4	S S23 AND S10
S28	2	S S15 NOT S13
S29	2	S S16 NOT (S13 OR S15)
S30	1	S S18 NOT (S13 OR S15 OR S16)
S31	1	S S19 NOT (S13 OR S15 OR S16 OR S18)
S32	0	S S20 NOT (S13 OR S15 OR S16 OR S18 OR S19)
S33	1	S S24 NOT (S13 OR S15 OR S16 OR S18 OR S19 OR S20)
S34	3	S S27 NOT (S13 OR S15 OR S16 OR S18 OR S19 OR S20 OR S24)
S35	8	S S22 NOT (S13 OR S15 OR S16 OR S18 OR S19 OR S20 OR S24 OR S27)
S36	8	S S25 NOT (S13 OR S15 OR S16 OR S18 OR S19 OR S20 OR S22 OR S24 OR S27)
S37	8	S S26 NOT (S13 OR S15 OR S16 OR S18 OR S19 OR S20 OR S22 OR S24 OR S27 OR S25)
S38	0	S S27 NOT (S13 OR S15 OR S16 OR S18 OR S19 OR S20 OR S22 OR S24 OR S27 OR S25 OR S26)
S39	7	S S14 NOT (S13 OR S15 OR S16 OR S18 OR S19 OR S20 OR S22 OR S24 OR S27 OR S25 OR S26 OR S27)

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[File 2] INSPEC 1898-2006/Feb W3  
[File 155] MEDLINE(R) 1951-2006/Feb 27  
[File 5] Biosis Previews(R) 1969-2006/Feb W3  
[File 6] NTIS 1964-2006/Feb W1 DSSSSSSS  
[File 8] Ei Compendex(R) 1970-2006/Feb W3  
[File 73] EMBASE 1974-2006/Feb 27 [File 94] JICST-EPlus 1985-2006/Dec W1  
[File 94] JICST-EPlus 1985-2006/Dec W2  
[File 95] TEMA-Technology & Management 1989-2006/Feb W4  
[File 35] Dissertation Abs Online 1861-2006/Feb  
[File 144] Pascal 1973-2006/Feb W1  
[File 99] Wilson Appl. Sci & Tech Abs 1983-2006/Jan  
[File 34] SciSearch(R) Cited Ref Sci 1990-2006/Feb W3  
[File 434] SciSearch(R) Cited Ref Sci 1974-1989/Dec  
[File 65] Inside Conferences 1993-2006/Feb W4  
[File 162] Global Health 1983-2006/Jan  
[File 164] Allied & Complementary Medicine 1984-2006/Feb  
[File 357] Derwent Biotech Res. 1982-2006/Feb W4  
[File 23] CSA Technology Research Database 1963-2006/Feb  
[File 60] ANTE: Abstracts in New Tech & Engineer 1966-2006/Feb  
[File 294] ONTAP(R) SciSearch(R) Cited Ref Science  
[File 256] TecInfoSource 82-2006/Feb (c) 2006 Info. Sources Inc  
[File 987] TULSA (Petroleum Abs) 1965-2006/Feb W2  
[File 105] AESIS 1851-2001/Jul  
[File 103] Energy SciTec 1974-2006/Feb B2  
[File 58] GeoArchive 1974-2005/Jun  
[File 292] GEOBASE(TM) 1980-2006/Feb W4  
[File 89] GeoRef 1785-2006/Feb B2  
[File 239] MathSci 1940-2006/Apr  
[File 57] Electronics & Communications Abstracts 1966-2006/Aug

Set Items Description

S1 2784990 S MAGNETIC(3N)RESONA???? OR MRI OR M()R()I OR MAGNETIC()RESONANCE()IMAG???? OR (MR OR M()R)(3N)IMAG???? OR (MAGNETIC OR PARALLEL)(2N)IMAG???? OR NMR OR N()M()R OR NUCLEAR()MAGNETIC OR FTNMR OR F()T()N()M()R OR FTMRI OR MAGNETORESONA???? OR PMR OR P()M()R OR PROTON()MAGNETIC()RESONA???? OR PARAMAGNETIC(3N)RESONA???? OR MAGNETIC(3N)RELAX???? OR FERROMAGNETIC(3N)RESONA???? OR MAGNETIC(3N)SPECTRO?????? OR MRA OR M()R()A OR MAGNETIC()RESONANCE()ANGIOGRAPH???? OR CSI OR C()S()I OR CHEMICAL()SHIFT()IMAG???? OR EPR OR E()P()R OR ELECTRON()PARAMAGNETIC()RESONANCE OR FMRI OR F()M()R()I OR FUNCTION??? (2N)IMAG?? OR ESR OR E()S()R OR ELECTRON()SPIN()RESONA?? OR SPIN(2N)RESONA????

S2 6648075 S SUITE? ? OR ARRAY????? OR CHAMBER????? OR SET OR SETTING OR (CONTROL????? OR ARRAY OR SERIES OR SET OR SCAN?????? OR SETTING) (3N) (ROOM OR HOUS????? OR ENCLOS?????)

S3 18697016 S BARRIER????????? OR SHIELD????? OR BLOCK????? OR SEPARAT?????? OR ISOLAT?????? OR WALL?????? OR ENCLOS????????? OR PROTECT????? OR SCREEN???????

S4 6915173 S TRANSCEIV????? OR RECEIV????????? OR TRANSMI????????? OR COIL????

S5 2857296 S INJECT?????(3N) (SYSTEM????????? OR CONTROL?????? OR UNIT OR DEVICE? ? OR MODUL?????? OR ASSEMBL????????? OR COMPONENT) OR INJECT?????

S6 1732719 S ANTENNA OR ANTENNAE OR WIRING OR RADIO OR AERIAL OR (ANTENNA OR ANTENNAE) (3N) (COUPL????? OR CONNECT????? OR LINK????? OR COMMUNICAT?????)

S7 4231706 S (WIRELESS OR WIRE()LESS OR REMOT????? OR DISTANC????? OR LONG()DISTANCE) (3N) (COMMUNICAT?????? OR TELECOMMUNICAT???????) OR COMMUNICAT????? OR TELECOMMUNICAT?????? OR WIRELESS OR REMOT??????

S8 6585923 S B1 OR B()1 OR B()SUB()1 OR FIELD?????(3N)MAP????? OR RADIO? ?(3N)FREQUENC????? OR (MAGNET????? OR ELECTROMAGNET????? OR RF? ? OR ELECTRIC????? OR PULS????? OR REFOCUS????? OR IMAG?????) (3N) (FIELD????? OR POWER????? OR PULS????? OR SEQUENC????? OR EXCIT????? OR STIMULAT?????? OR SWITCH????? OR TRANSCEIV????? OR SIGNAL?????) OR SAR? ? OR SPECIFIC()ABSOR?????()RATE? ? OR R()F OR RF OR RADIOFREQUENC????? OR RFSP OR SSFP OR STEADY()STATE()FREE()PRECESSION OR FREE(3N)PRECESS????

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S9 569681 S (FREQUENC????? OR CHANNEL???) (5N) (DISTANC????? OR RANG????? OR MAGNITUD???? OR SPECTRUM OR LIMIT???)

S10 1678037 S FILTER???? OR BANDPASS???? OR BAND() (PASS OR STOP) OR BANDSTOP???? OR HIGHPASS OR HIGH()PASS OR MICROSTRIP OR MICRO()STRIP

S11 41117 S CC=(A3240 OR A3325 OR A7600 OR A0758 OR A8760I OR B7510N)  
S12 0 S S1 AND S2 AND S3 AND S4 AND S5 AND S6 AND S7 AND S8 AND S9 AND S10  
S13 77 S S1 AND S2 AND S7 AND S9  
S14 3 S S13 AND S11  
S15 3 RD (unique items)  
S16 1 S S13 AND S5  
S17 36 S S13 AND S6  
S18 30 S S17 AND S4  
S19 6 S S18 AND S8  
S20 5 RD (unique items)  
S21 7 S S13 AND S10  
S22 5 RD (unique items)  
S23 26 S S13 AND S3  
S24 16 RD (unique items)  
S25 7 S S24 AND PY<=2002  
S26 1938 S (S1(3N)S2) AND S3  
S27 14 S S26 AND S9  
S28 8 RD (unique items)  
S29 76 S S26 AND S5  
S30 0 S S29 AND S7  
S31 28 S S29 AND S4  
S32 0 S S31 AND S6  
S33 23 S S31 AND PY<=2002  
S34 10 RD (unique items)  
S35 1 S S16 NOT S15  
S36 250 S S1(3N)S7 AND S2  
S37 1 S S36 AND S5  
S38 4 S S36 AND S9  
S39 4 RD (unique items)  
S40 4 S S20 NOT (S15 OR S16)  
S41 4 S S22 NOT (S15 OR S16 OR S20)  
S42 5 S S25 NOT (S15 OR S16 OR S20 OR S22)  
S43 8 S S28 NOT (S15 OR S16 OR S20 OR S22 OR S25)  
S44 10 S S34 NOT (S15 OR S16 OR S20 OR S22 OR S25 OR S28)  
S45 1 S S37 NOT (S15 OR S16 OR S20 OR S22 OR S25 OR S28 OR S34)  
S46 3 S S39 NOT (S15 OR S16 OR S20 OR S22 OR S25 OR S28 OR S34 OR S37)

**File 2:INSPEC 1898-2007/Jan W4**  
**(c) 2007 Institution of Electrical Engineers**

Set	Items	Description
S1	35361	'UHF ANTENNAS' OR 'BROADBAND ANTENNAS' OR 'CELLULAR RADIO' OR 'UHF RADIO PROPAGATION' OR 'VHF ANTENNAS'
S2	771	'HF ANTENNAS' OR 'VHF RADIO PROPAGATION'
S3	67	RF()ANTENNAS
S4	11	RF()ANTENNAE
S5	0	RF()MICROANTENNAE
S6	0	RF()MICROANTENNAS
S7	0	RADIO??????(1W)MICROANTENNAS
S8	0	RADIO???????????(1W)MICROANTENNAS
S9	0	RADIO???????????(2N)MICROANTENNAS
S10	634	RADIO???????????(2N)ANTENNAS
S11	54	RADIO???????????(2N)ANTENNAE
S12	140	RADIO???????????(2N)WAVEGUIDE??
S13	7	RADIO???????????(2N)WAVE()GUIDE??
S14	3	RADIOWAVE??(2N)GUIDE??
S15	0	RF(3N)MICROANTENNAS
S16	0	RF(3N)MICROANTENNAE
S17	19	RF(3N)ANTENNAE
S18	289	RF(3N)ANTENNAS
S19	77	RF(3N)WAVEGUIDES
S20	1	RF(3N)WAVE()GUIDES
S21	16786	(INTERCONNECT????? OR COUPL????? OR PAIR????? OR SERIES) (5N) (ANTENNA? OR WAVEGUIDE?)
S22	624	S1:S20 AND S21
S23	0	S22 AND PAIRED(2W) (ANTENNA? OR WAVEGUIDE?)
S24	196	S22 AND COUPLED(2W) (ANTENNA? OR WAVEGUIDE?)
S25	2	S22 AND INTERCONNECTED(2W) (ANTENNA? OR WAVEGUIDE?)
S26	21	S22 AND SERIES(2N) (ANTENNA? OR WAVEGUIDE?)
S27	2	S22 AND (ANTENNA? OR WAVEGUIDE?) (3N) (ACROSS OR THROUGH) (3N) (SHIELD????? OR FILTER????? OR BARRIER???)
S28	219	S23:S26
S29	4	S28 AND (SHIELD????? OR FILTER????? OR BARRIER???)
S30	6	S27 OR S29
S31	61	(COUPL????? OR PAIR????? OR SERIES OR INTERCONNECT????? OR CONNECT????) (2N) TRANSCEIVERS/AB
S32	11	(COUPL????? OR PAIR????? OR SERIES OR INTERCONNECT????? OR CONNECT????) (2N) TRANSCEIVERS/TI
S33	70	S31:S32
S34	11	S1:S28 AND S33
S35	11	S34 NOT S30
S36	2	(RF OR R()F OR RADIO???????????) (4N) TRANCEIVERS
S37	518	(RF OR R()F OR RADIO???????????) (4N) COILS
S38	12	(RF OR R()F OR RADIO???????????) (4N) MICROCOILS
S39	7	(RF OR R()F OR RADIO???????????) (4N) WINDINGS
S40	179	(RF OR R()F OR RADIO???????????) (4N) WAVEGUIDES
S41	8	(RF OR R()F OR RADIO???????????) (4N) WAVE()GUIDES
S42	1364	(RF OR R()F OR RADIO???????????) (4N) ANTENNAS
S43	106	(RF OR R()F OR RADIO???????????) (4N) ANTENNAE
S44	2	S36:S43 AND TRANCE???????????
S45	122	S36:S43 AND TRANSMI???????(3N) RECE???????
S46	0	S36:S43 AND RADIOTRANSMI???????
S47	67	S36:S43 AND RADIO()TRANSMI???????
S48	109	S36:S43 AND RADIO()RECE???????
S49	111	S36:S43 AND RADIO???????(()) RECE???????
S50	67	S36:S43 AND RADIO???????(()) TRANSMI???????
S51	264	S36 OR S44:S50
S52	17	S30 OR S35
S53	264	S51 NOT S52
S54	37	S53 AND COILS
S55	0	S53 AND MICROCOILS
S56	1	S53 AND WINDINGS
S57	222	S53 AND ANTENNAS
S58	15	S53 AND ANTENNAE
S59	5	S53 AND WAVEGUIDES
S60	0	S53 AND WAVE()GUIDES
S61	263	S54:S60
S62	11	S61 AND FILTER???????
S63	4	S61 AND SCREEN???????
S64	4	S61 AND SHIELD?????????
S65	17	S62:S64
S66	17	S65 NOT S52